

I am a licensed amateur radio operator. My call sign is W4WRZ. I am interested in serving in the emergency radio service. It is extremely important that the proposed BLP does not create harmful interference to the existing communications now using the HF/low-VHF frequencies.

Other licensed services may also experience BPL harmful interference. It should be pointed out how important it is to make sure, via field testing and all other means available that any rules changes ensure absolute prevention of interference with these services as well.

Numerous federal, state and local governments, military operations and licensed private sector individuals use the 2 MHz to 80 MHz spectrum. These need to be absolutely protected from harmful interference from BPL.

Amateur radio and other communications services using HF and low-VHF frequencies many times use weak signals that could be totally blocked from harmful BPL interference. Some have suggested pointing directional antenna arrays away from overhead power lines or using non-directional antennas to reduce Access BPL-generated interference. This is not a practical or realistic alternative and would in reality subordinate these existing services to Access BPL service.

Unshielded conductors will be employed by BPL systems to transmit broadband data. These overhead power act as "antennas" that will radiate RF energy. They will also receive RF energy radiated by other currently licensed users which could be considered interfering with BPL service. This could lead to litigation. Prohibiting judicial resolution of harmful interference claims must be considered in the rules changes.

Mobile HF radio communications (used during times of emergency/public service) must be considered in the proposed FCC rules changes. This is a very important part of the volunteer

national emergency service provided in part by radio amateurs.

Objective, accurate technical analysis must be conducted to prevent any harmful interference from the Access BPL. Changes of this importance should not be made based on presumed, unverified conditions and must provide for immediate termination of Access BPL-generated interference when it is identified and confirmed.

Another important point is that the nation's power transmission grids were not designed and not intended to be used for the transmission of broadband data in the 2MHz to 80MHz radio frequency spectrum. All government agencies, thousands of U.S. amateurs and any numerous other licensed services must be totally protected from harmful interference that BPL could cause. Rules changes that would result in existing services having to accept or endure BPL interference simply to accommodate BPL cannot be considered acceptable.

Thank you for your consideration in this extremely important matter.